FIG. 1

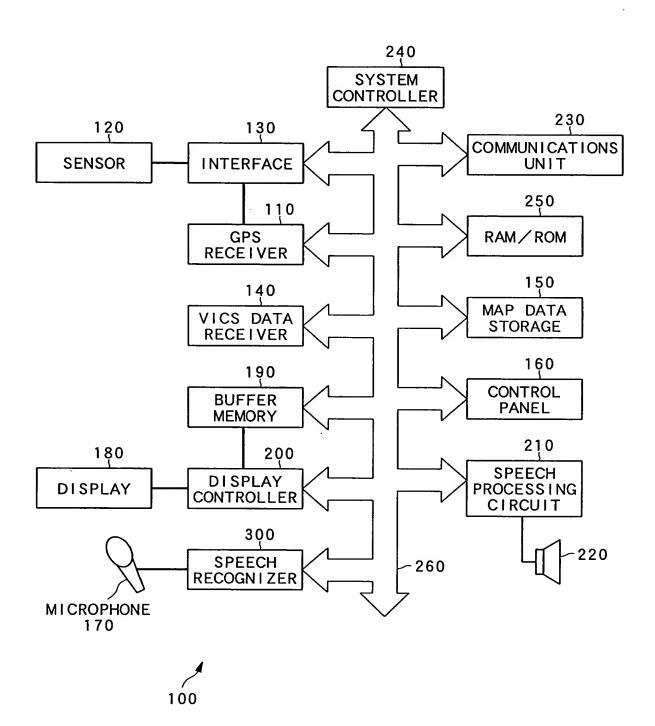
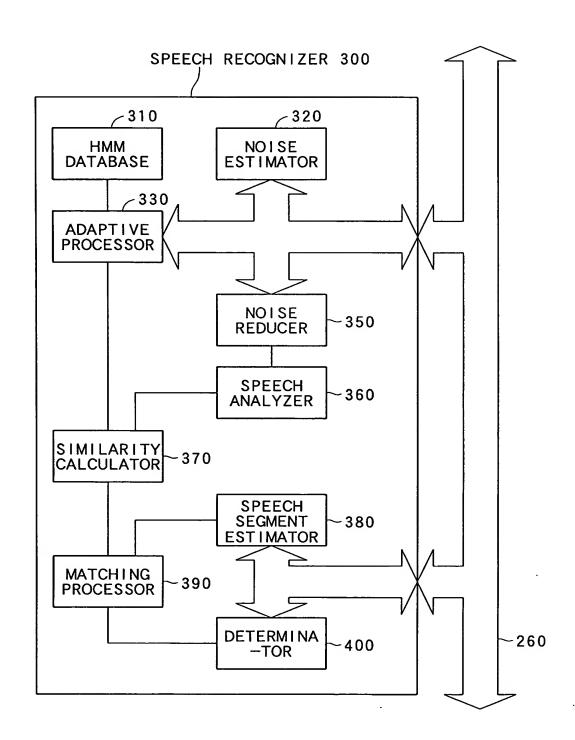
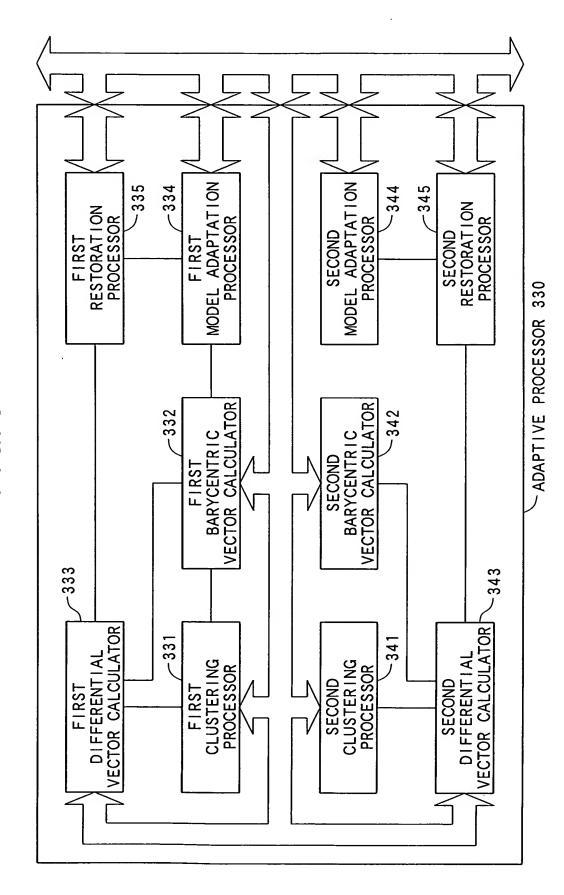


FIG. 2





F1G. 4

KEYWORD MODEL

X NON-KEYWORD MODEL
∅ CENTER OF GRAVITY OF KEYWORD MODELS
★ CENTER OF GRAVITY OF NON-KEYWORD MODELS

CENTER OF GRAVITY OF ENTIRE CLUSTER

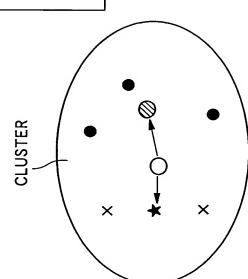


FIG. 5

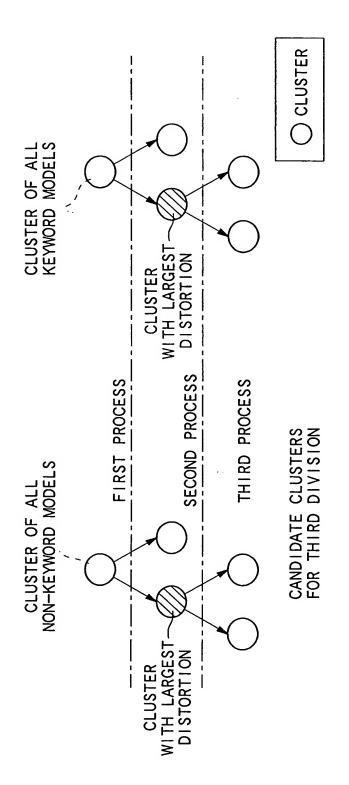


FIG. 6

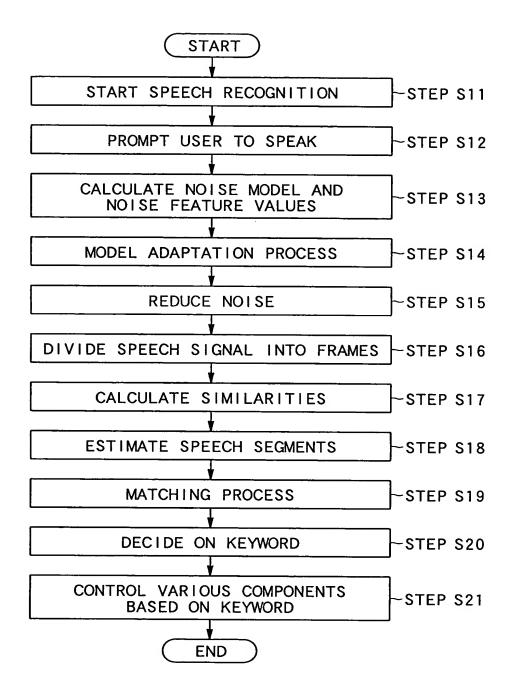


FIG. 7

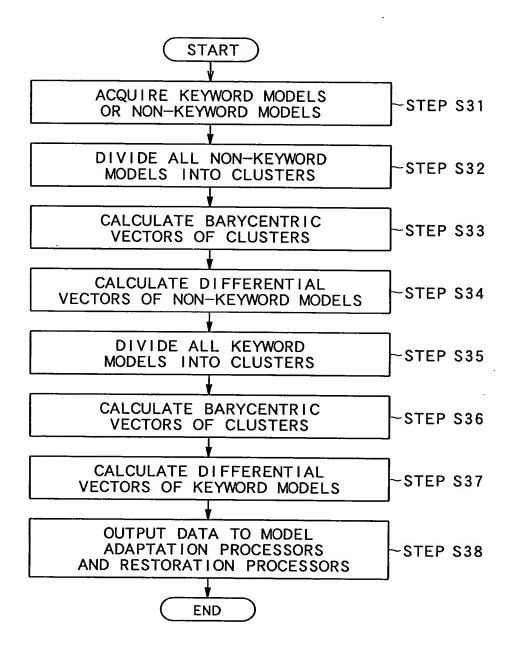


FIG. 8

	CASE 1(%)	CASE 2(%)	CASE 3(%)	AVERAGE(%)
CONVENTIONAL	93.3	2.69	54.1	72.2
THIS EMBODIMENT	94.1	6.89	58.5	73.8